

ABSTRACT

The invention relates to the nucleic acid sequences of three novel human SACH-related gene variants (SACHV1, SACHV2 and SACHV3) and the polypeptides encoded by SACHV1, SACHV2 and SACHV3.

5 The invention also relates to the process for producing the polypeptides encoded by SACHV1, SACHV2 and SACHV3.

10 The invention further relates to the use of the nucleic acid of SACHV1, SACHV2 and SACHV3, and the polypeptide encoded by SACHV1, SACHV2 and SACHV3 in diagnosing diseases associated with the deficiency of human SACHV genes, in particular SCLC and lung carcinoids.